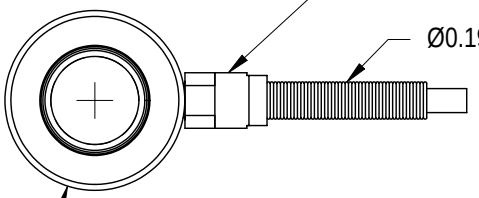
FUTEK MODEL LCM500

THREADED ROD LOAD CELL

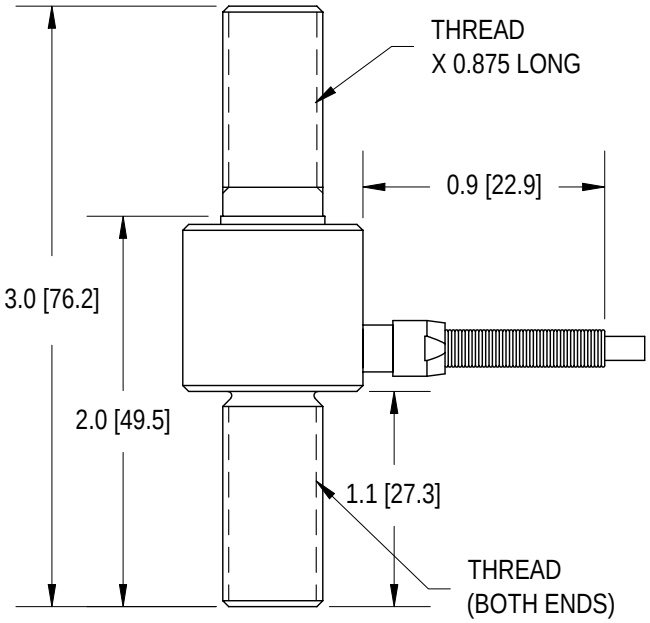
(Previously L2820/L2822)

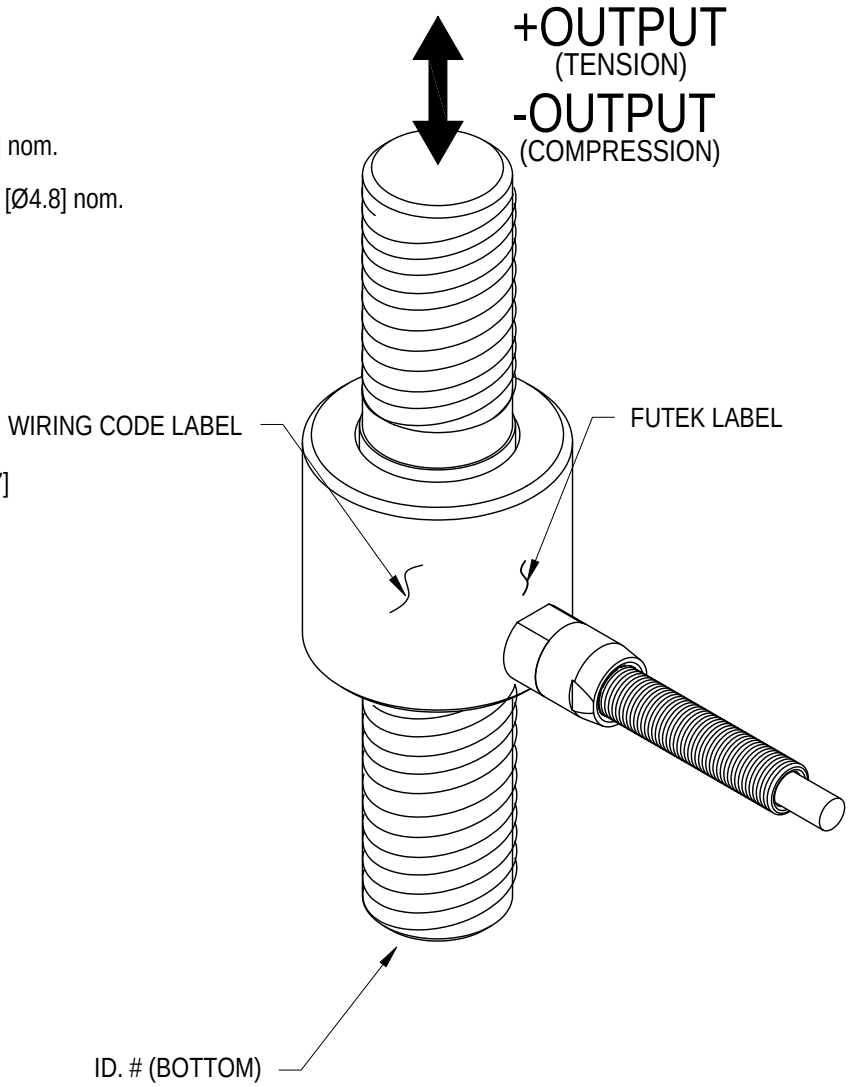
Drawing Number: FI1094-B			
INCH [mm]	R.O.= Rated Output		
WIRING CODE (WC1)			
+Excitation	-Excitation	+Signal	-Signal
RED	BLACK	GREEN	WHITE
Shield			
FLOATING			



Ø0.90 [Ø22.9]*

* COVER DIAMETER WAS INCREASED FROM Ø0.62 [15.7]





SPECIFICATIONS:

RATED OUTPUT	*2 mV/V nom.*
SAFE OVERLOAD	*150% of R.O.*
ZERO BALANCE	*±3% of R.O.*
EXCITATION (VDC OR VAC)	*18 MAX*
BRIDGE RESISTANCE	*350 Ω nom.*
NONLINEARITY	*±0.2% of R.O.*
HYSTERESIS	*±0.2% of R.O.*
NONREPEATABILITY	*±0.1% of R.O.*
TEMP. SHIFT ZERO	*±0.005% of R.O./°F [0.01% of R.O./°C]*
TEMP. SHIFT SPAN	*±0.005% of LOAD/°F [0.01% of LOAD/°C]*
COMPENSATED TEMP.	*60 to 160°F [15 to 72°C]*
OPERATING TEMP.	*-45 to 200°F [-42 to 93°C]*
MATERIAL	*17-4PH S.S.*
WEIGHT	*4 oz [113 g]*
DEFLECTION	*0.001 [0.03] nom.*

CABLE: #28 AWG, 4 Conductor, Spiral Shielded PVC Cable 10 ft [3 m] Long

ACCESORIES AND RELATED INSTRUMENTS AVAILABLE

CALIBRATION (STD)	*5 pt. TENSION; 60.4KΩ SHUNT CAL. VALUE*
CALIBRATION (AVAILABLE)	*COMPRESSION*
CALIBRATION TEST EXCITATION	*10 VDC*

FOR LOWER CAPACITIES REFER TO LCM300

CAPACITIES			
STK#	lb	N	THREAD
FSH00836	2000	8896	1/2-20-3A
FSH00841			M12 x 1.75
FSH00837	5000	22240	1/2-20-3A
FSH00842			M12 x 1.75

FUTEK
ADVANCED SENSOR TECHNOLOGY, INC.

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